ATGGCTTCAGAACTGGCAATGAGCAATTCCGACCTGCCCACCAGTCCCCTGGCCATGGAATATGTTAATG

10 20 30 40 50 60 70

mouse maf cod ATGGCTTCAGAACTGGCAATGAACAATTCCGACCTGCCCACCAGTCCCCTGGCCATGGAATATGTTAATG
human maf cod ATGGCATCAGAACTGGCAATGAGCAACTCCGACCTGCCCACCAGTCCCCTGGCCATGGAATATGTTAATG

ACTTCGATCTGATGAAGTTTGAAGTGAAAAAGGAACCGGTGGAGACCGACCGCATCATCAGCCAGTGCGG

80 90 100 110 120 130 140

mouse maf cod ACTTCGATCTGATGAAGTTTGAAGTGAAAAAGGAACCGGTGGAGACCGACCGCATCATCAGCCAGTGCCG
human maf cod ACTTCGATCTGATGAAGTTTGAAGTGAAAAAGGAACCGGTGGAGACCGACCGCATCATCAGCCAGTGCGG

CCGTCTCATCGCCGGGGGCTCGCTGTCCTCCACCCCCATGAGCACGCCCTGCAGCTCGGTGCCCCCGTCC

150 160 170 180 190 200 210

mouse maf cod CCGTCTCATCGCCGGGGGCTCGCTGTCCTCCACCCCCATGAGCACGCCCTGCAGCTCGGTGCCCCCGTCC
human maf cod CCGTCTCATCGCCGGGGGCTCGCTGTCCTCCACCCCCATGAGCACGCCCTGCAGCTCGGTGCCCCCGTCC

CCCAGCTTCTCGGCGCCCAGCCCGGGCTCGGGCGGCGAACAGAAGGCGCACCTGGAAGACTACTACTGGA

220 230 240 250 260 270 280

mouse maf cod CCCAGCTTCTCGGCGCCCAGCCCGGGCTCGGGCAGCGAACAGAAGGCGCACCTGGAAGACTACTACTGGA
human maf cod CCCAGCTTCTCGGCGCCCAGCCCGGGCTCGCGAGGCGAACAGAAGGCGCACCTGGAAGACTACTACTGGA

TGACCGGCTACCCGCAGCAGCTGAACCCGGAGGCGCTGGGCTTCAGCCCGGAGGACGCGGTCGAGGCGCT

290 300 310 320 330 340 350

mouse maf cod TGACCGGCTACCCGCAGCAGCTCAACCCGGAGGCGCTGGGCTTCAGCCCGGAGGACGCGGTCGAGGCGCT
human maf cod TGACCGGCTACCCGCAGCAGCTGAACCCCGAGGCGCTGGGCTTCAGCCCCGAGGACGCGGTCGAGGCGCT

CATCAGCAACAGCCACCAGCTCCGGGGTGGCTTCGATGGCTATGCGCGGGGGCCCACCAGCTGGCCGCG

360 370 380 390 400 410 420

mouse maf cod CATCAGCAACAGCCACCAGCTCCAGGGTGGCTTCGATGGCTATGCGCGGGAGCGCAGCAGCTGGCCGCG
human maf cod CATCAGCAACAGCCACCAGCTCCGGGGCGGCTTCGATGGCTATGCGCCGGGCGCAGCAGCTAGCCGCG

GCGGCGGGGGCCGGTCCCGGCGCCTCCTTGGGCGGCAGCGGCGAGGAGATGGCCCCGCCGCCGCCGTGG

430 440 450 460 470 480 490

mouse maf cod GCAGCGGGGGCGGCGCCGGCGCCTCCCTGGGCGGCAGCGGCGAGGAGATGGCCCCGCCGCCGCCGTGG
human maf cod GCGGCCGGGGCAGGTGCCGGCGCCTCCTTGGGCGGCAGCGGCGAGGAGATGGCCCCGCCGCCGCCGTGG

TGTCCGCCGTCATCGCCGCGGCCGCCGCGCAGAGCGGCGCGGGCCCGCACTACCATCACCACCACCACCA

500 510 520 530 540 550 560

mouse maf cod TGTCCGCCGTGATCGCCGCGGCCGCCGCGCAGAGCGGCGCGGCACCCCACTACCATCACCACCACCACCA
human maf cod TGTCCGCCGTGATCGCCGCGGCCGCCGCGCAGAGCGGCGCGGGCCCGCACTACCACCACCACCACCACCA

CGCCGCGGGGCACCACCACCATCCGACGGCCGGCGCGCCGGGCGCCGCGGGCGGCGCGTCTTCTTCTTCG

570 580 590 600 610 620 630

mouse maf cod CGCCGCGGGGCACCACCACCATCCGACGGCCGGCGCCCCGGAACCGCGGGGGCGCGTCTTCTTCTTCG
human maf cod CGCCGCCGGCCACCACCACCACCCGACGGCCGGCGCGCCGGCGCCGCGGGCAGCGCGGCCGCTTCGGCC

GGTGGCGCTGGTGGCGCGGGCGGCGGTGGCCCGGCCAGCGTTGGGGGCGGCGGCGGCGGCGGCGGCG

640 650 660 670 680 690 700

mouse maf cod AACGGCGCGGGTGGCGCGGGCGGCGGTGGCCCGGCCAACACCGGGGGCGGCGGCGGAGACGGCGGCG
human maf cod GGTGGCGCTGGGGGCGCGGGCGGCGGTGGCCCGGCCAGCGTTGGGGGCGGCGGCGGCGGCGGCGGCG

FIGURE 1A

GGGGCGGGGGGGGGGCGGGGGGCGCCCTTCACCCGCACCATTCCGCGGGCGGCCTGCACTTCGACGACCG

710 720 730 740 750 760 770

mouse maf cod GGGGCACGGCGGCGGCGGGGGCGCCCTTCACCCGCACCATTCCGCGGGCGGCCTGCACTTCGACGACCG
human maf cod GAGGCGGCGGGGGCGGCGGCGGGCGCCCTGCACCCGCACCACGCCGCCGGCGGCCTGCACTTCGACGACCG

CTTCTCGGACGAGCAGTTGGTGACCATGTCTGTGCGCGACTTGAACCGGCAGCTGCGCGGGGTCAGCAAG

780 790 800 810 820 830 840

mouse maf cod CTTCTCGGACGAGCAGTTGGTGACCATGTCGGTGCGCGAACTGAACCGGCAGCTGCGCGGGGTCAGCAAG
human maf cod CTTCTCCGACGAGCAGCTGGTGACCATGTCTGTGCGCGACTTGAACCGGCAGCTGCGCGGGGTCAGCAAG

GAGGAGGTGATCCGGCTGAAGCAGAAGAGGCGGACCCTGAAAAACCGCGGCTATGCCCAGTCCTGCCGCT

850 860 870 880 890 900 910

mouse maf cod GAGGAGGTGATCCGACTGAAGCAGAAGAGGCGGACCCTGAAAAACCGCGGCTATGCCCAGTCCTGCCGCT
human maf cod GAGGAGGTGATCCGGCTGAAGCAGAAGAGGCGGACCCTGAAAAACCGCGGCTATGCCAAGTCCTGCCGCT

TCAAGAGGGTGCAGCAGAGACACGTCCTGGAGTCGGAGAAGAACCAGCTGCTGCAGCAGGTCGACCACCT

920 930 940 950 960 970 980

mouse maf cod TCAAGAGGGTGCAGCAGAGACACGTCCTGGAGTCGGAGAAGAACCAGCTGCTGCAGCAGGTAGACCACCT
human maf cod TCAAGAGGGTGCAGCAGAGACACGTCCTGGAGTCGGAGAAGAACCAGCTGCTGCAGCAAGTCGACCACCT

CAAGCAGGAGATCTCCAGGCTGGTGCGCGAGAGGGACGCGTACAAGGAGAAATACGAGAAGTTGGTGAGC

990 1000 1010 1020 1030 1040 1050

mouse maf cod CAAGCAGGAGATCTCCAGGCTGGTGCGCGAAAGGGACGCCTACAAGGAGAAATACGAGAAGCTGGTGAGC
human maf cod CAAGCAGGAGATCTCCAGGCTGGTGCGCGAGAGGGACGCGTACAAGGAGAAATACGAGAAGTTGGTGAGC

AGCGGCTTCCGAGAAAACGGCTCGAGCAGCGACAACCCTTCCTCTCCCGAGTTTTTCATGTGXXXXXXXX

1060 1070 1080 1090 1100 1110 1120

mouse maf cod AACGGCTTCCGAGAAAACGGCTCGAGCAGCGACAACCCTTCCTCTCCCGAATTTTTCATGTG
human maf cod AGCGGCTTCCGAGAAAACGGCTCGAGCAGCGACAACCCGTCCTCTCCCGAGTTTTTCATAACTGAGCCCA

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

1130 1140 1150 1160 1170 1180 1190

mouse maf cod
human maf cod CTCGCAAGTTGGAGCCATCAGTGGGATACGCCACATTTTGGAAGCCCCAGCATCGTGTACTTACCAGTGT

XXXXXXXXXXXXX

1200

mouse maf cod
human maf cod GTTCACAAAATGA

FIGURE 1B

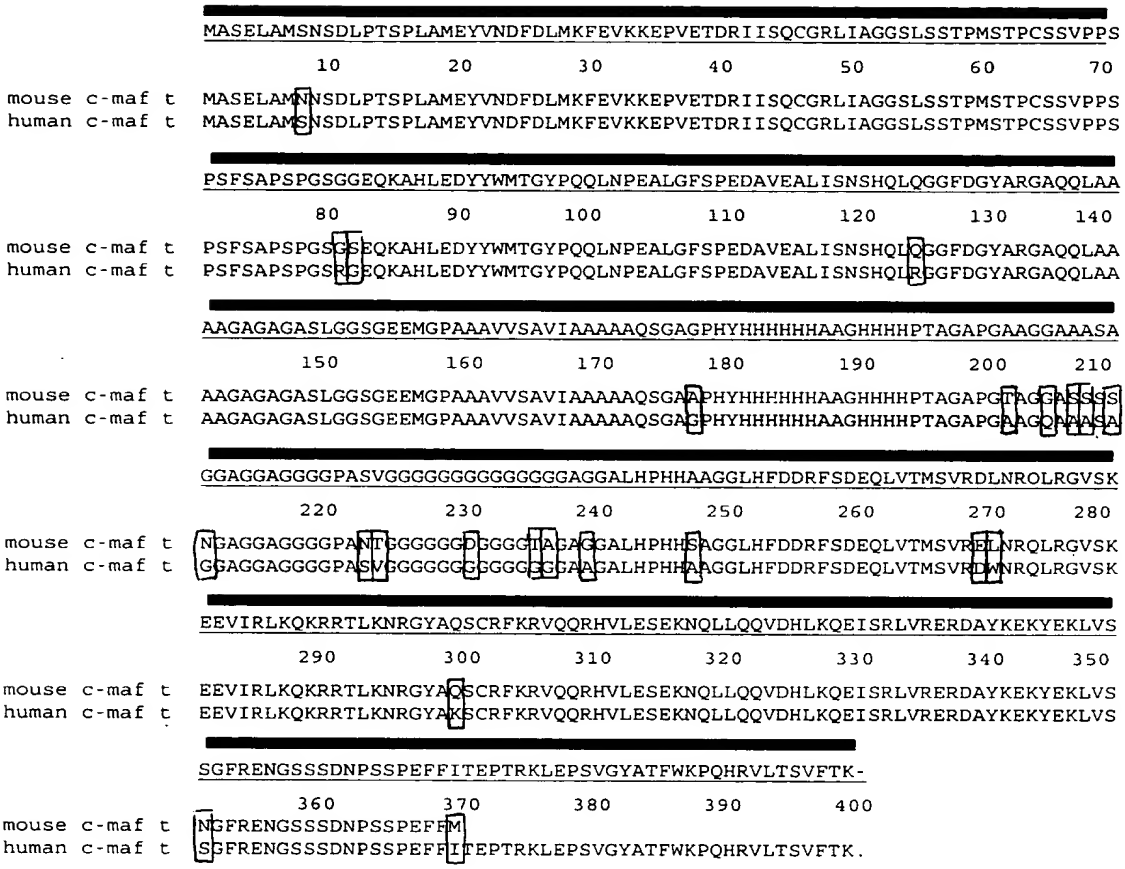
MASELAMSNSDLPTSPLAMEYVNDFDLMKFEVKKEPVETDRIISQCGRLIAGGSLSSTPMSTPCSSVPPS
10 20 30 40 50 60 70
mouse c-maf t MASELAMNNSDLPTSPLAMEYVNDFDLMKFEVKKEPVETDRIISQCGRLIAGGSLSSTPMSTPCSSVPPS
human c-maf t MASELAMSNSDLPTSPLAMEYVNDFDLMKFEVKKEPVETDRIISQCGRLIAGGSLSSTPMSTPCSSVPPS
PSFSAPSPGSGGEQKAHLEDYYWMTGYPQQLNPEALGFSPEDAVEALISNSHQLQGGFDGYARGAQQLAA
80 90 100 110 120 130 140
mouse c-maf t PSFSAPSPGSGSEQKAHLEDYYWMTGYPQQLNPEALGFSPEDAVEALISNSHQLQGGFDGYARGAQQLAA
human c-maf t PSFSAPSPGSRSEQKAHLEDYYWMTGYPQQLNPEALGFSPEDAVEALISNSHQLRGGFDGYARGAQQLAA
AAGAGAGASLGGSGEEMGPAAAVVSAVIAAAAAQSGAGPHYHHHHHHAAGHHHHPTAGAPGAAGGAAASA
150 160 170 180 190 200 210
mouse c-maf t AAGAGAGASLGGSGEEMGPAAAVVSAVIAAAAAQSGAAPHYHHHHHHAAGHHHHPTAGAPGTAGGAASSS
human c-maf t AAGAGAGASLGGSGEEMGPAAAVVSAVIAAAAAQSGAGPHYHHHHHHAAGHHHHPTAGAPGAAGQAAASA
GGAGGAGGGGPASVGGGGGGGGGGGGGGAGGALHPHHAAGGLHFDDRFSDEQLVTMSVRDLNRQLRGVSK
220 230 240 250 260 270 280
mouse c-maf t NGAGGAGGGGPANTGGGGGGDGGGGHAGAGGALHPHHSAGGLHFDDRFSDEQLVTMSVRELNRQLRGVSK
human c-maf t GGAGGAGGGGPASVGGGGGGGGGGGGGAAGALHPHHAAGGLHFDDRFSDEQLVTMSVRDWNRQLRGVSK
EEVIRLKQKRRTLKNRGYAQSCRFKRVQQRHVLESEKNQLLQQVDHLKQEISRLVRERDAYKEKYEKLVS
290 300 310 320 330 340 350
mouse c-maf t EEVIRLKQKRRTLKNRGYAQSCRFKRVQQRHVLESEKNQLLQQVDHLKQEISRLVRERDAYKEKYEKLVS
human c-maf t EEVIRLKQKRRTLKNRGYAKSCRFKRVQQRHVLESEKNQLLQQVDHLKQEISRLVRERDAYKEKYEKLVS
SGFRENGSSSDNPSSPEFFITEPTRKLEPSVGYATFWKPQHRVLTSVFTK-
360 370 380 390 400
mouse c-maf t NGFRENGSSSDNPSSPEFFM
human c-maf t SGFRENGSSSDNPSSPEFFITEPTRKLEPSVGYATFWKPQHRVLTSVFTK.

FIGURE 2